



SEQUENCE LISTING

<110> YAN, Chunhua et al

<120> ISOLATED HUMAN DRUG-METABOLIZING
PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN
DRUG-METABOLIZING PROTEINS,
AND USES THEREOF

<130> CL000685

<140> 09/748,127

<141> 2000-12-27

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<210> 1

<211> 2944

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<213> Human

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 <211> 504
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Pro Pro Gly Pro Thr Pro Leu Pro Leu Leu Gly Asn Leu Leu Gln Leu
35          40          45
Arg Pro Gly Ala Leu Tyr Ser Gly Leu Met Arg Leu Ser Lys Lys Tyr
50          55          60
Gly Pro Val Phe Thr Ile Tyr Leu Gly Pro Trp Arg Pro Val Val Val
65          70          75          80
Leu Val Gly Gln Glu Ala Val Arg Glu Ala Leu Gly Gly Gln Ala Glu
85          90          95
Glu Phe Ser Gly Arg Gly Thr Val Ala Met Leu Glu Gly Thr Phe Asp
100         105         110
Gly His Gly Val Phe Phe Ser Asn Gly Glu Arg Trp Arg Gln Leu Arg
115         120         125
Lys Phe Thr Met Leu Ala Leu Arg Asp Leu Gly Met Gly Lys Arg Glu
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145         150         155         160
Gln Gly Thr Glu Gly Arg Pro Phe Asp Pro Ser Leu Leu Leu Ala Gln
165         170         175
Ala Thr Ser Asn Val Val Cys Ser Leu Leu Phe Gly Leu Arg Phe Ser
180         185         190
Tyr Glu Asp Lys Glu Phe Gln Ala Val Val Arg Ala Ala Gly Gly Thr
195         200         205
Leu Leu Gly Val Ser Ser Gln Gly Gly Gln Thr Tyr Glu Met Phe Ser
210         215         220
Trp Phe Leu Arg Pro Leu Pro Gly Pro His Lys Gln Leu Leu His His
225         230         235         240
Val Ser Thr Leu Ala Ala Phe Thr Val Arg Gln Val Gln Gln His Gln

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 Asn Lys Asn Met Leu Met Thr Val Ile Tyr Leu Leu Phe Ala Gly Thr
 290 295 300
 Met Thr Val Ser Thr Thr Val Gly Tyr Thr Leu Leu Leu Met Lys
 305 310 315 320
 Tyr Pro His Val Gln Lys Trp Val Arg Glu Glu Leu Asn Arg Glu Leu
 325 330 335
 Gly Ala Gly Gln Ala Pro Ser Leu Gly Asp Arg Thr Arg Leu Pro Tyr
 340 345 350
 Thr Asp Ala Val Leu His Glu Ala Gln Arg Leu Leu Ala Leu Val Pro
 355 360 365
 Met Gly Ile Pro Arg Thr Leu Met Arg Thr Thr Arg Phe Arg Gly Tyr
 370 375 380
 Thr Leu Pro Gln Gly Thr Glu Val Phe Pro Leu Leu Gly Ser Ile Leu
 385 390 395 400
 His Asp Pro Asn Ile Phe Lys His Pro Glu Glu Phe Asn Pro Asp Arg
 405 410 415
 Phe Leu Asp Ala Asp Gly Arg Phe Arg Lys His Glu Ala Phe Leu Pro
 420 425 430
 Phe Ser Leu Gly Lys Arg Val Cys Leu Gly Glu Gly Leu Ala Lys Ala
 435 440 445
 Glu Leu Phe Leu Phe Phe Thr Ile Leu Gln Ala Phe Ser Leu Glu
 450 455 460
 Ser Pro Cys Pro Pro Asp Thr Leu Ser Leu Lys Pro Thr Val Ser Gly
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 gerwrqlrkf tmlalrdlgm gkregeeliq aearclvetf qgtegrpfdp slllaqatsn 180
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Val	Arg	Thr	Asp	Ala	Thr	Phe	Gln	Ser	Phe	Leu	Lys	Leu	Arg	Glu	Lys	50	55	60	
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				485											